ABSTRACT OF THE DISCLOSURE

In coloration of a shaped article composed of a curable resin, the addition operation can be reliably conducted and a reliable coloration effect can be obtained in both the single-color addition and in the multicolor addition. A liquid-phase, non-colored photo-curable resin is cured by irradiation with laser light and a lowermost layer 5_n is formed. A liquid-phase, photo-curable resin is applied on the upper surface thereof and a colored layer 5_{n-1} comprising a cured non-colored region and a liquid-phase pool region is formed. A color ink is drop-wise added to the liquid-phase pool region. The pool region is irradiated with laser light and cured to the same hardness as that of the non-colored region. A block-like coating film having the prescribed thickness if formed from the surface coating film produced by the color ink covering the pool region. As a result, the formation of the next layer (colored layer 5_{n-2}) on the upper surface of colored layer 5_{n-1} can be conducted without obstacles. Colored layer 5_{n-2} through colored layer 5_3 are formed by repeating this process, a colored layer 5_2 is formed on the upper surface of colored layer 5_3, and then the uppermost layer 5_1 is formed on the colored layer 5_2.